

CITY OF BURBANK

FIRE EQUIPMENT SPECIALIST

DEFINITION

Under direction, to perform repairs and services on all Fire Department vehicles and firefighting equipment; and to do related work as required.

ESSENTIAL FUNCTIONS

Analyzes operational difficulties and performs routine services on a variety of firefighting equipment, including Class "A" pumpers, water tankers, brush firefighting trucks, and ambulances; arranges for and coordinates all necessary repairs with other agencies and repair shops; maintains all equipment records and files relating to the maintenance, repair and cost of fire related equipment and mechanical devices; assists in the design and fabrication of necessary modification of fire equipment; uses and maintains a complete set of hand, power, and shop tools and test equipment related to the work; requisitions, orders or purchases replacement parts as necessary; observes safe working methods and utilizes related safety equipment; reads and interprets schematics, shop manuals, blueprints, and plans in performing work assignments; provides technical assistance to other employees on difficult and complex problems; may direct the work of others; responds to emergency situations as required; performs field work as assigned; assists in the development of specifications for new equipment; stays current with technology in the mechanical field, particularly as it relates to fire apparatus; drives on City business.

MINIMUM QUALIFICATIONS

Employment Standards:

- Knowledge of - practices, techniques, materials, tools, and equipment used in the diagnosis, repair, and modification of fire apparatus, their component systems and a wide variety of mechanical equipment; metal and wood fabrication and welding as it pertains to fire apparatus; shop mathematics; safety practices; rigging principles and practices used in handling heavy objects; computers and computer programs that assist in the accomplishment of assigned tasks; basic principles of supervision.
- Skill in - the use of arc and acetylene welding equipment.
- Ability to - plan and organize a wide variety of mechanical maintenance and repair work without technical supervision; perform major and minor repairs on heavy duty air and hydraulic brake systems, air compressors, water pumps and electrical systems on ambulances and fire apparatus; use common mechanical tools and special tools used in the repair trade; read and interpret manuals, schematics, plans, and specifications; manually lift heavy objects that may weigh as much as 100 pounds; perform work involving moderate physical activity and climbing; trace electrical wiring by color coding and touch; recognize and diagnose mechanical problems by sight and sound; train firefighters in mechanical maintenance; assign work and supervise firefighters in performing maintenance duties; establish and maintain effective working relationships with other agencies, supervisors, fellow employees, and the public; supervise and coordinate the work of others.

Education/Training: Graduation from high school or equivalent and six (6) years experience as a mechanic performing overhaul and repairs on gasoline and diesel engines.

License & Certificates: A valid California Class "C" driver's license or equivalent at time of appointment and a California Class "B" driver's license or equivalent at the time of permanent appointment.

SUPPLEMENTAL INFORMATION

Desirable Qualifications: Fire apparatus repair and supervisory experience.